

Ag85B (Gene Rv1886c), Purified Native Protein from *Mycobacterium tuberculosis*, Strain H37Rv**Catalog No. NR-14857**

This reagent is the tangible property of the U.S. Government.

Product Description: NR-14857 is a preparation of Antigen 85B protein (Ag85B) derived from the culture filtrate proteins of *Mycobacterium tuberculosis*, strain H37Rv.

Lot: 70005735**Manufacturing Date: 30AUG2017**

Production and QC testing were performed by Colorado State University (CSU). The CSU documentation for lot 17.Rv.2.9.12.Ag85B is attached.

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WORK SHEET FOR PURIFIED NATIVE PROTEINS

General Information

BEI Catalog Number: NR-14857
Product Description: Ag85B (Rv1886c)
CSU Lot Number: 17.Rv.2.9.12.Ag85B
Species: *M. tuberculosis*
Strain: H37Rv

Purification Information

Starting material: CFP: 14.Rv.2.10.11.7.CFP (211.9 mg), 14.Rv.2.9.9.4.CFP (305.2 mg), 13.Rv.2.10.8.6.CFP (159 mg), 13.Rv.2.9.24.5.CFP (33.7 mg)

Starting material (select one):

CFP: Filter Sterilized Yes

Cells: Irradiated N/A

Viability Test Performed: N/A

Protocol used (SOP #'s): PP021.6

Date started: 07 / 10 / 2017

Date completed: 8 / 30 / 2017

Notebook; page(s): Megan Lucas, BEI Production #3, pg 81-95

Additional notes (if applicable): Additional Phenyl Sepharose column (using optimized buffer conditions) used for cleanup

Quality Control Information

Clarity of product/suspension after dialysis: clear

BCA: 3.548 $\mu\text{g}/\mu\text{l}$ Notebook and page(s): MCL, BEI Production #3; pg 94

Total Protein: 14.3068 mg

Silver Stain Date: 9 / 12 / 2017 Notebook and page(s): MCL, BEI Production #3; pg 95

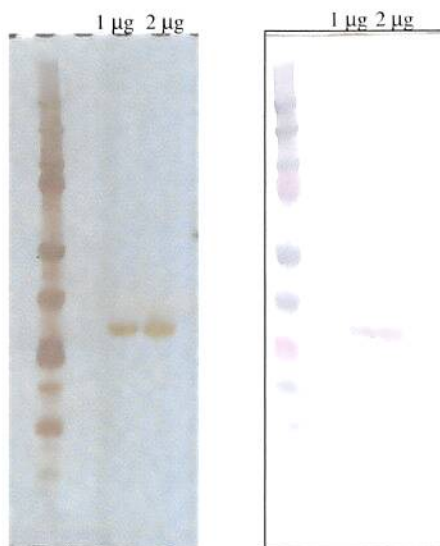
Western blot Date: 9 / 12 / 2017 Antibody used: CS-90

Notebook and page(s): MCL, BEI Production #3; pg 95

Mass Spectrometry information/file (if applicable): Fractions and final product analyzed by MALDI for purity.

Final product MALDI data: MCL, BEI Production Notebook #3, pg 95

QC Gel and Blot:



Aliquot Information:

57 x 250 μg

1 x 56.8 μg

M. Lu
(Research Associate)

9-13-17
(date)

C. McHaffey
(Laboratory Supervisor)

9-13-17
(date)